



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Dempsey, et al.

Serial No. 09/773,115

Filed: January 31, 2001

Title: *Vector Difference Measures for Data Classifiers*

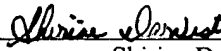
Group Art Unit: 2121

Examiner: Davis, George B.

Attorney Docket No. CEO-010.01

CERTIFICATE OF FIRST CLASS MAILING

I hereby certify that the foregoing document is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, Alexandria VA 23313-1450, on December 10, 2004.

  
Shirine Darvish

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 23313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE**  
**STATEMENT UNDER 37 CFR § 1.97(c)(2)**

Sir:

Listed on the enclosed Form PTO-1449 is a list of publications known to Applicants and their Attorney/Agent in compliance with the requirements of 37 C.F.R. 1.56. A copy of said publication is being submitted herewith. This submission follows the events recited in 37 C.F.R. § 1.97(c)(2); therefore, pursuant to 37 C.F.R. § 1.17 (p), a check in amount of \$180.00 is enclosed. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached Form PTO-1449.

This submission does not represent that a search has been made or that no better art exists. Nor does it constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies the cited documents as prior art against any claim


in the application and Applicants determine that the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the referenced publications be applied against the claims of the present application. If there is any additional fee due in connection with the filing of this Statement, the Director is hereby authorized to charge the fee to our Deposit Account, **No. 06-1448, Reference (CEO-010.01).**

Respectfully submitted,

Dated: December 10, 2004

**Customer No. 25,181**  
Foley Hoag LLP  
155 Seaport Blvd.  
Boston, MA 02210-2600  
Tel. (617) 832-1288  
Fax (617) 832-7000

  
Robert W. Gauthier  
Reg. No. 35,153  
Attorney for Applicants

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number     | 09/773,115       |
| Filing Date            | January 31, 2001 |
| First Named Inventor   | Dempsey, et al.  |
| Art Unit               | 2121             |
| Examiner Name          | Davis, George B. |
| Attorney Docket Number | CEO-010.01       |

**U.S. PATENT DOCUMENTS**

| Examiner Initials * | Cite No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---------------------|-----------------------|--|--------------------------------|---|---|
|                     |                       | Number - Kind Code <sup>2</sup> (if known) |                                |   |   |
|                     | AF                    | US-6,336,109 B2                            | 01/01/02                       | Howard  |   |
|                     | AG                    | US-6,304,864 B1                            | 10/16/01                       | Liddy et al.                                    |   |
|                     | AH                    | US-6,556,572 B1                            | 04/29/03                       | Ishida  |   |
|                     |                       |  |                                |   |   |
|                     |                       |  |                                |   |   |
|                     |                       |  |                                |   |   |
|                     |                       |  |                                |   |   |
|                     |                       |  |                                |   |   |
|                     |                       |  |                                |   |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner Initials * | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|---------------------|-----------------------|---|--------------------------------|---|---|----------------|
|                     |                       | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                |   |   |                |
|                     |                       |   |                                |   |   |                |
|                     |                       |   |                                |   |   |                |
|                     |                       |   |                                |   |   |                |
|                     |                       |   |                                |   |   |                |
|                     |                       |   |                                |   |   |                |
|                     |                       |   |                                |   |   |                |
|                     |                       |   |                                |   |   |                |
|                     |                       |   |                                |   |   |                |
|                     |                       |   |                                |   |   |                |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials * | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|---------------------|-----------------------|---|----------------|
|                     | AI                    | Type Classification of Semi-Structured Documents, Markus Tresch; Neal Palmer; Allen Luniewski; Proceedings of the 21 <sup>st</sup> VLDB Conference, Zurich, Switzerland, (1995) pp. 263-274   |                |

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.